

STATE WATER CONSERVATION COMMISSION
Minutes of Meeting Held in
Devils Lake, North Dakota
June 4, 1962

Mr. Oscar Lunseth, Vice Chairman of the State Water Conservation Commission opened the meeting at 1:30 p.m. The meeting was held in the County Commissioners Room, Ramsey County Court House, Devils Lake, North Dakota. The following persons were in attendance at this meeting:

Honorable Quentin N. Burdick, United States Senator, Washington, D. C.

Bureau of Reclamation Officials:

Bruce Johnson, U. S. Bureau of Reclamation, Billings, Montana
G. A. Freeman, U. S. Bureau of Reclamation, Bismarck

State Water Conservation Commission:

Oscar Lunseth, Vice Chairman, Grand Forks
Henry Steinberger, Donnybrook
William W. Corwin, Fargo
Richard P. Gallagher, Mandan
Math Dahl, Commissioner, Agriculture & Labor, Bismarck
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

Garrison Diversion Conservancy District:

Director W. M. Harrington, Minot
Director Alf M. Larson, Enderlin
Director Reese A. Bartlett, Cogswell
Director Ben Kludt, McClusky
Director Earl Burns, Tolna
Director J. C. Eaton, Denbigh
Vernon S. Cooper, Secretary-Treasurer, Bismarck

North Dakota Water Users Association:

Russ Dushinske, Devils Lake
Herb Lyons, Jamestown
Murray Baldwin, Fargo
Hal Davies, Minot
Tom Ronnie, Carrington
Oscar Berg, Executive Secretary, Minot

Others Present:

Jack Bone, Minot Daily News, Minot
Howard Pare, Secretary-Treasurer, Warwick-McVillage Irrigation District, Tolna
Robert Lofthus, Warwick-McVillage Irrigation District, McVillage
P. W. Lanier, Fargo
Scott Anderson, Jamestown
Charles Tighe, Bismarck
Art Lanz, Devils Lake

GARRISON DIVERSION UNIT

Mr. Lunseth called on Mr. Bruce Johnson, Regional Director, Bureau of Reclamation, to discuss the first item on the agenda. This related to the increased costs of the Garrison Diversion Unit which occurred between January 1961 and May 1962. Mr.

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Johnson indicated that three cost estimates had been made on the initial 250,000 acre Garrison Diversion project. The initial cost estimate was made October 1, 1959 and approximated 169 million dollars. On January 1 the report was amended and a cost estimate of 183 million dollars was arrived at. This was considered adequate for the feasibility report to be included in Senate Document 230 which was heard by the Senate Interior and Insular Affairs Committee in June 1961. Since that time several items had been increased which resulted in the new cost estimate being pegged at 219 million dollars, which reflected a cost increase of 36 million dollars in approximately a fifteen months period. It was indicated that the increase in the cost estimate resulted from the fact that the Bureau of Reclamation had obtained detailed studies above that required by Congress for customary project authorization consideration. Mr. Johnson stated that this was an apparent penalty for getting ahead of the program with investigations and estimates; however, it would afford Congress their best opportunity of evaluating a reclamation project on its true merits. Items such as increase cost for fish and wildlife benefits amounted to 7.5 million dollars, recreation 1.5 million dollars, increase in drainage facilities, increased costs for installation of the pumping unit at the Snake Creek arm and canal lining. Also included in the costs not formerly included was \$1,500,000 for canal roads. A more extensive lateral canal system was found necessary to better serve the irrigable acreage which is not concentrated but interspersed in dry land areas. Mr. Johnson pointed out as a result of the increased cost estimate the benefit to cost ratio had been reduced from 1.37:1 to 1.15:1. Mr. Johnson averred that ever since the Senate Select Committee pointed out the extreme losses that were occurring in the transmission of water on the Bureau of Reclamation projects an endeavor had been made to reduce seepage losses on Bureau of Reclamation projects. He implied that three acre-feet were diverted for each acre-foot that was actually put to use. For this reason, he opined that the Bureau had intensified its effort to conserve water so greater amounts would be available for other purposes and had prescribed the increased use of canal lining to accomplish this objective. Included in the new estimate was an outlet works at the Lone Tree Dam which would permit the release of water into the Sheyenne River.

Mr. Johnson then revealed information pertaining to the Basin Power Account. He implied that it was on the borderline as to pay out. He indicated that revenues approximating 43 million dollars would be needed by the Missouri River Basin Project by 1975 to meet project financing. This is met through the sale of generating facilities, dump power, firm power and wheeling arrangements. He averred that the proposal recently made by the fourteen private companies would have resulted in failure for the basin account. It would be necessary for the Bureau to bank 100 kilowatts with this power group for every 85 used at a later date. On the other hand, through the Basin Electric Generating group the Bureau would receive a kilowatt for each kilowatt banked. He informed the group that the basin group had been informed that if they construct their plant, the Bureau of Reclamation would deal with them as their installation will help the Bureau rather than harm its operations. He predicated that by January 1, 1963, the Bureau's power revenues would be in good shape although the rate structure may require a modest adjustment. He stated that was hopeful as the Upper Colorado Power formula would be used in the Missouri Basin as it would enhance the pay out possibility in this basin. Mr. Johnson, when questioned as to whether the increased cost estimate of the project would be reflected in added cost to water users, stated that it would remain the same as it has been announced by the Secretary of the Interior.

Commissioner Lunseth inquired as to what suggestions the Bureau had regarding the lignite proposal. Mr. Johnson implied that the

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Lignite people had never made an offer relative to the Bureau's peak capacity.

Mr. Lunseth called on Senator Burdick to give his opinion regarding the increased cost estimate of the Garrison Diversion Unit. Senator Burdick stated he was disappointed and shocked over the increased cost indicated by the latest Garrison Diversion Unit cost estimate. The increase was called to his attention on May 29th. He said that the Garrison Diversion Unit's priority up to this time was very good in view of the passage of the San Juan Chama Fryingpan-Arkansas projects. He stated that the Bureau of Reclamation had had some rough bumps this year, one being the United States Department of Agriculture's statement that 50,000,000 acres of land should be retired from production by 1980. He also stated that the Riverton Project in Wyoming has been practically abandoned and has left a bad taste in the mouths of many senators and congressmen. The Senator also stated that the Fish and Wildlife had requested 156,000 acres for its use in the million acre project; however, this had only been reduced to 149,000 acres for the 250,000 acre project. He stated that he contacted Senator Anderson, Chairman of the Interior and Insular Affairs Committee regarding the increased costs on the project proposal. Senator Anderson recommended that another hearing be held before the Senate Committee on Interior and Insular Affairs on the project before submitting it to the floor. He pointed out that there would be much criticism of the project if it were submitted to the floor of the Senate without further clearance from the Interior and Insular Affairs Committee, as the higher cost would have to be revealed on the Senate floor. As a consequence, there would be no other alternative but to call the bill back for committee consideration. He recommended that we settle our differences in regard to the veto power over the fish and wildlife purchases before we request new hearings on the Garrison Diversion Unit. He is currently making arrangements for a hearing before Senator Magnuson's Commerce Committee on this subject. He believed we should have witnesses available at this hearing. He then requested that Mr. J. C. Eaton discuss the Stockmen Association's stand on this matter.

Mr. Eaton stated that several other organizations, besides the Stockmen's Association, favored veto power over the land acquisition policy of the Fish and Wildlife. He indicated that through resolution the Farm Bureau, the Stockmen's Association, the Greater North Dakota Association and the North Dakota County Commissioner's Association favored some type of veto power in S. 230 as it applied to the Fish and Wildlife land acquisition. He believed most groups would endorse the bill if put in the hands of the Governor or the Garrison Diversion Unit.

Mr. Lunseth stated that from the evidence presented at the meeting it would be in order to have a motion expressing the desires of the group. Mr. Hal Davies moved that this group recommend to Senator Burdick and Congressman Nygaard that hearings on the Garrison Diversion Unit authorization proposal be withdrawn from consideration by the present legislature and that it be presented at the next session of Congress at the earliest possible date. The motion was seconded by Mr. Murray Baldwin of Fargo and Mr. Oscar Berg of Minot and was adopted by a voice vote.

Mr. Hal Davies then moved that the group extend its sincere appreciation to Senator Burdick and Bruce Johnson for their explanation of the project status. The motion was seconded by Reese Bartlett and adopted by voice vote.

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**EATON IRRIGATION PROJECT
REQUEST**

Mr. J. C. Eaton initiated a request to the State Water Conservation Commission that a survey be made relative to extending irrigation to 100 additional acres in the Eaton project. He stated that some leveling and diking would be required to accomplish the proposed increased acreage. He requested that the State Water Conservation Commission make a survey and supply the irrigation district with a cost estimate. He expressed a desire to have the Commission estimate costs for installing a new control structure throughout the project. Mr. Eaton gave the Commission a brief history of the project. He stated it covered 7000 acres and was owned by 38 individuals. Their ownership varied from 10 to 700 acres. Originally the project cost \$5 per acre. This cost is extremely low as it was done in the depression with certain Federal grants. He implied that their board was somewhat different than the other irrigation districts in view of the fact that the Board of County Commissioners was responsible for appointing the district board.

When questioned about water rights, he indicated that it would not require more water than presently allotted to them. This amounts to 10,000 acre-feet. The Commission agreed, through voice vote, to have Secretary Hoisveen make a cost estimate and survey of the project. The motion was made by Commissioner Math Dahl and seconded by Commissioner Corwin.

**WATERSHED PROJECT LETTER-
Lyness Lloyd**

Secretary Hoisveen stated that as a result of the meeting of May 15th Mr. Lyness Lloyd, State Conservationist, Soil Conservation Service, had forwarded a letter in which he outlined methods whereby the Commission could avail themselves of more information pertaining to watershed projects being constructed under the jurisdiction of that agency. The Secretary was directed to send a copy of the letter to the various commission members for their information and further consideration at the next meeting of the Commission.

**N.W. BELL TELEPHONE CO.
REQUEST**

A request was read concerning the desires of the Northwestern Bell Telephone Company to place a submarine cable from Central Park in Grand Forks, under the Red River of the North, to 7th Street in East Grand Forks. The letter stated that the Northwestern Bell Telephone Company had previously obtained permission to make such installations and had also received approval of the Corps of Engineers. Commissioner Corwin moved that permission be granted to the Northwestern Bell Telephone Company to install a cable across the Red River in accordance with the plans submitted to the Commission relating to the installation. The motion was seconded by Commissioner Math Dahl and adopted by voice vote.

**AWARD OF DRILLING
CONTRACT FOR BURLEIGH
COUNTY SURVEY**

The State Water Conservation Commission reviewed the bids of five firms who submitted bids for test drilling on the Burleigh County ground water survey. The bids varied from \$7,900 to \$14,425. The Mann Drilling Company of Dickinson submitted the low bid for drilling 9000 feet at 80¢ per foot at a total cost of \$7,200. For performing extra work, at a rate of \$14 per hour to the extent of \$700. It was moved by Commissioner Gallagher that the Commission accept the low bid presented by the Mann Drilling Company. The motion was seconded by Commissioner Math Dahl and carried.

MILTON DAM SURVEY

The Commission members voiced approval of a survey in the vicinity of Milton, North Dakota to determine the feasibility of constructing a dam on the North Branch of the Park River for

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municipal water supply. The water would be used by the cities of Grafton, Hoople and with pipeline possibilities for Crystal and St. Thomas. Secretary Hoisveen pointed out the extreme water shortage that existed in that area and the adverse affect it has had on the towns of Hoople, Crystal and St. Thomas. The city of Grafton has made application for the survey and has advanced \$200 for use in connection therewith.

WITHAM WATER RIGHT
#859

Secretary Hoisveen requested the desires of the Commission relative to continuing the Lyle Witham water right application. He implied this was a request for obtaining water from underground supplies in connection with an irrigation project operated by Mr. Witham. He stated that J. C. Eaton had objected to the issuance of a water right to Mr. Witham because it would adversely affect alfalfa in the area by reducing the availability of ground water. Hoisveen stated that almost two years had elapsed since the hearing was recessed and the Commission had sufficient information available to it to support Mr. Witham's application. He indicated that in view of the uniqueness of the application it would be desirable to have the commission members present and if it was the desire of the Commission arrangements would be made to hold the hearing in connection with the next Commission meeting. This action was agreed upon.

GAMMA RAY AND
ELECTRIC LOGGER

Additional equipment needs were being asserted as a result of the expanded ground water programs of the Commission. Hoisveen stated that the Commission is currently using the electric logger supplied to them by the North Dakota State Geological Survey. The use was limited to the State Water Commission drill rig. With the awarding of contract work additional equipment would be needed. It was therefore recommended to the Commission that steps be taken to purchase a new electric logger including a gamma ray attachment for use in connection with the program. The estimated cost of the machine would approximate \$5,000. It was moved by Commissioner Steinberger and seconded by Commissioner Gallagher that steps be taken to purchase this equipment to meet the needs of the Commission's ground water program.

GRAND FORKS DRAIN #13

A request was received in the office of the State Water Commission for participation in Grand Forks County Drain #13. The total cost of the drain approximated \$14,323.04 which includes the following items: excavation, \$8,543.04; spoil bank leveling \$780; 16' drop structure, \$5,000. It was moved by Commissioner Corwin and seconded by Commissioner Steinberger that the Commission participate in drain #13 as soon as obligations and other construction features were made available to the Commission. Carried.

The meeting adjourned at 5 p.m.

Respectfully submitted,

Milo W. Hoisveen
Secretary

ATTEST:

William T. Berg
Governor

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF APPROPRIATIONS AS OF JUNE 30, 1962
1961 - 1963 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUN '62	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	2,471.05	144.48	3,528.95	583.00	3,470.65
2. ADMINISTRATION	62,000.00	827.44	31,293.72	1,889.16	31,533.72	2,225.78	29,307.94
3. MAINTENANCE OF DAMS	150,000.00	58,719.30	160,841.44	7,154.37	47,877.36	14,855.50	33,022.36
4. INT'L & INTERSTATE EXP	10,000.00	.00	2,361.48	80.95	7,638.52	50.00	7,588.52
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	13,580.38	4,159.22	16,419.12	16,419.12	.00
6. HYDROGRAPHIC SURVEYS	27,500.00	.00	13,044.54	.00	14,455.46	14,455.46	.00
7. ENGR & GEOL SURVEYS	50,000.00	19,200.00	39,692.22	3,203.28	29,507.78	12,465.60	17,042.18
8. COOP WITH U. S. DEPT, ETC	60,000.00	.00	21,327.31	2,593.64	38,672.69	4,327.08	33,845.61
9. ENGINEERING INVESTIGATIONS	145,000.00	2,200.00	68,518.64	6,553.29	78,681.36	8,715.95	59,965.41
10. ADM OF WATER RIGHTS	10,000.00	.00	3,966.34	151.43	6,133.16	89.42	6,043.74
	<u>550,500.00</u>	<u>80,946.74</u>	<u>356,998.12</u>	<u>25,930.32</u>	<u>274,448.62</u>	<u>74,162.21</u>	<u>200,286.41</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JUN 30 1962
 1959 - 1961 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE		UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	5,491.84	.00	508.16	.00	508.16
2. ADMINISTRATION	49,200.00	744.38	49,944.38	.00	.00	.00	.00
3. MAINTENANCE OF DAMS	115,000.00	161,981.19	276,981.19	.00	.00	.00	.00
4. INT'L & INTERSTATE EXP	10,000.00	41.93	10,026.20	.00	15.73	.00	15.73
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	29,392.01	.00	107.99	.00	107.99
6. HYDROGRAPHIC SURVEYS	27,500.00	900.00	28,400.00	.00	.00	.00	.00
7. ENGR & GEOLOGICAL SURVEYS	57,500.00	.00	57,359.37	.00	140.63	.00	140.63
8. COOP WITH U. S. DEPT, ETC.	57,000.00	6.44	57,003.19	.00	3.25	.00	3.25
9. ENGINEERING INVESTIGATIONS	138,000.00	4,742.75	142,742.75	.00	.00	.00	.00
10. ADM OF WATER LAWS	6,000.00	.00	5,977.78	.00	22.22	.00	22.22
11. OASIS CONTRIBUTIONS	6,500.00	2,957.83	9,131.43	.00	326.40	.00	326.40
	<u>502,700.00</u>	<u>171,374.52</u>	<u>672,950.14</u>	<u>.00</u>	<u>1,124.38</u>	<u>.00</u>	<u>1,124.38</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF JUNE 30, 1962

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUN '62	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE "CARRIED FORWARD"	300,000.00 163,583.61	29,623.07	56,050.62	4,841.19	437,156.06	349,535.90	87,620.16
21. CONST BOND GUARANTEE	90,000.00	18,272.94	20,539.00	.00	87,733.94	.00	87,733.94
22. SHOP BUILDING "SPECIAL"	30,000.00	.00	29,998.04	.00	1.96	.00	1.96

NOTE - FUND #21 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, '57. ORIGINAL DISBURSEMENTS FROM FUND #21 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE, OR AGREE TO PAY, THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS, NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND NO. 21

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST REC. TO MATURITY</u>	<u>PRINCIPAL AMT.</u>	<u>TOTAL INCOME ANTICIPATED</u>
U. S. SERIES K BONDS	5-65	2.76%	\$ 124.20	\$1,500.00	\$1,624.20
U. S. SERIES K BONDS	4-67	2.76%	276.00	2,000.00	2,276.00
U. S. TREASURY BONDS	12-68	2.50%	487.50	3,000.00	3,487.50
SIOUX IRRIG DIST. BONDS	1984 SERIALY	2.25%	4,938.75	17,500.00	22,438.75

THE CONSTRUCTION BOND GUARANTEE FUND WILL ATTAIN ITS ORIGINAL CASH LEVEL OF \$90,000 IN 1964 AT WHICH TIME LEGISLATION WILL BE REQUIRED TO DETERMINE DISPOSITION OF THE FUNDS RECEIVED IN EXCESS OF THE ORIGINAL APPROPRIATION AS NOTED IN THE ATTY GEN OPINION DATED 1-2-58.

\$5,826.45	\$24,000.00	\$29,826.45
FUND BALANCE		87,733.94
LESS ORIGINAL APPROPRIATION		-90,000.00
EXCESS		\$27,560.39

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1962

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN '62	WITH. TAX	SOC. SEC.	INS	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR	O-9	INC JUL '61	950.67	139.20	1.45		37.50	772.52
ANDERSON, LARRY	RODMAN	C-6	INC APR '62	220.42	30.00	6.89			183.53
BAESLER, GORDON	DRAFTSMAN	G-4	INC JUN '61	399.67	51.30	12.49			335.88
BARES, KATHLEEN	TYPIST	C-5	INC DEC '61	214.67	28.50	6.71			179.46
BURKHARTSMEIER, G.	DRILLER	E-5	PER MAR '62	298.67	44.00	9.33			245.34
COOPER, VERNON S.	ASST SECY	1/2M-7	INC JUL '61	393.84	71.30	12.31	21.20		289.03
ENGSTROM, VIRGLE	RODMAN	C-5	INC APR '62	214.67	28.50	6.71			179.46
FREDRICKSON, FRED	COORDINATOR	G-6	INC JUL '61	421.67	47.40	13.18			361.09
FROELICH, LARRY	GEOLOGIST	G-4	STA JUN '62	400.00	33.30	12.50			353.70
FRY, GORDON	ENGR AID	E-2	STA JUN '62	96.13	13.90	3.00			79.23
GEHRING, EDNA	FILE CLERK	C-8	RES JUN '62	231.92	41.40	7.25	8.20		175.07
GRINDBERG, ALAN	ENGINEER	J-9	INC MAR '62	640.67	93.80	20.02			521.85
HILAND, LEONE	CH STENO	F-7	INC JUL '61	373.67	47.00	11.68	3.20		306.79
HILLS, DAVID	ENGR AID	E-2	STA JUN '62	260.94	16.30	3.15			235.99
KNUTSON, LEWIS	DRILLER	G-3	INC AUG '61	388.67	39.80	12.15			336.72
LIVERSAGE, MAY	RECEPTIONIST	B-9	STA JUN '62	206.67	27.10	6.46			173.11
NELSON, C. P.	ENGINEER	K-4	INC MAR '62	651.67	83.30	20.36			542.51
OLHEISER, ROGER	RODMAN	B-8	STA JUN '62	191.59	24.20	5.99			161.40
PEDERSON, GARY	OFF ASST	C-6	INC MAR '62	220.42	30.00	6.89	7.90		175.63
PUTZ, ROY	OFF ASST	B-7	INC JUL '61	196.67	15.60	6.15	7.90		167.02
REITER, DANIEL	FOREMAN	H-4	INC MAY '62	450.00	41.00	14.06	20.45	37.50	336.99
RIVINIUS, MERRIL	ENGINEER	H-10	INC OCT '61	529.17	85.40	16.54	8.30		418.93
SACKMAN, EUGENE	INST MAN	F-9	INC APR '62	392.67	21.30	12.27	20.45		338.65
SANDWICK, HAZEN	ENGINEER	M-3	INC DEC '61	707.67	76.00	22.11	20.45	37.50	551.61
SCHMID, ROGER	GEOLOGIST	H-2	INC JAN '62	429.17	37.40	13.41			378.36
SCHULZ, DELTON	ENGINEER	H-10	INC FEB '62	529.17	85.40	16.54			427.23
SCHULZ, JIM	ACCOUNTANT	H-4	INC JUN '61	454.17	51.00	14.19			388.98
SCHWINKENCORF, DON	INST MAN	E-10	INC AUG '61	338.67	51.20	10.58			276.89
SWENSON, HELEN	TYPIST	D-3	INC MAY '62	238.50	42.30	7.45			188.25
VOELLER, PIUS	ASST FOREMAN	F-5	PER FEB '62	354.67		11.08			343.59
WALTERSON, HOWARD	FOREMAN	H-4	INC MAY '62	450.00	61.00	14.06	20.45		354.49
WALTERSON, JEAN	DRAFTSMAN	E-4	INC FEB '62	290.67	32.60	9.08			248.99
WESTGATE, SAM	OFF ASST	B-9	STA JUN '62	186.00	23.50	5.81			156.69
ZIEGLER, VICTOR	ENGINEER	M-3	INC DEC '61	707.67	106.00	22.11	20.50		559.06

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1962

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN '62	WITH. TAX	SOC. SEC.	NET	
EIDE, RONALD	ASST DRILLER	1.70	INC JUN '62	282.65	39.20	8.83	234.62	
JOHNSON, GEORGE	OPERATOR	2.00	INC APR '61	320.00	49.20	10.00	260.80	
KNUTSON, LANNY	ASST DRILLER	1.90	INC MAY '62	429.40	66.30	13.43	349.67	
PETERSON, JOHN	OPERATOR	2.10	INC MAY '62	338.10	52.00	10.57	275.53	
SCHWEIGERT, CALVIN	OPERATOR	1.85	STA MAY '62	305.26	46.20	9.53	249.53	
SENGER, ANTON	OPERATOR	1.80	INC MAY '62	308.70	9.30	9.65	289.75	
URNESS, JOSEPH	OPERATOR	1.80	INC MAY '62	287.10	42.90	8.97	235.23	
TOTAL PAYROLL				15,302.71	1,937.10	449.94	164.00	11,250.12,639.17